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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: CROWLEY, R. J.

Serial No.: 10/789,390

Filed: 02/27/2004

For: OPTICAL ANTENNA ARRAY FOR HARMONIC GENERATION, MIXING AND SIGNAL AMPLIFICATION

Examiner: LEE, John D.

Art Unit: 2874

Att'y. Docket No.: RJC-5

I hereby certify that this document and all documents enclosed herewith are being sent to the Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313, via First Class Mail, Postage Prepaid, on 10 March 2006, name: D.N. Halgren, signed: _____

Hon Commissioner for Patents
Alexandria VA 22313-1450

RESPONSE TO REQUIREMENT FOR RESTRICTION

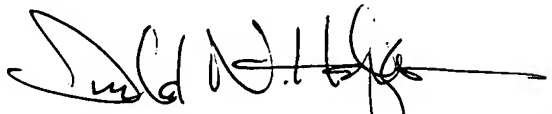
Dear Examiner Lee:

In regard to the "Requirement for Restriction" letter dated 02/13/2006 received for the above-identified, pending U.S. Patent Application, Applicant responds as follows:

Applicant provisionally elects Group III, claims 32 – 40, drawn to a method of moving carbon nanotubes by applying electrostatic charges thereto, with traverse.

Applicant contends that claims of Group I and Group III, a method of optical switching and a method of moving carbon nanotubes are not necessarily different functions. An application of moving a carbon nanotube may function as a switch, see col. 7, lines 58 – 61 which discuss alternating waveforms to act as a switch. In col. 6, lines 43 -50, there is discussion of moving the nanotube configuration by wave energy, hence the concepts are capable of use together. Therefore, Applicant submits that the claims of Group I and Group III are not unrelated and may be commonly examined.

Respectfully submitted,



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